

Copyright (c) 1993 - 2006 Biocceleration Ltd.	GenCore version 5.1.9	Sequence 32, App1
protein - protein search, using sw model		Sequence 34, App1
on: July 31, 2006, 18:46:49 ; Search time 50 Seconds (without alignments) 460.411 Million cell updates/sec		Sequence 36, App1
file: US-10-047-264A-4		Sequence 38, App1
score: 1432		Sequence 40, App1
sequence: 1 MMPPXKCFGLFLISPFPLTGYA.....YQPMUDRRSQRSEERCVIEIP 263		Sequence 42, App1
string table: BLOSUM62		Sequence 44, App1
Gapext 10.0 , Gapext 0.5		Sequence 46, App1
searched: 650591 seqs, 87530628 residues		Sequence 48, App1
al number of hits satisfying chosen parameters:	650591	Sequence 51, App1
Minimum DB seq length: 0		Sequence 53, App1
Minimum DB seq length: 2000000000		Sequence 54, App1
-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries		Sequence 58, App1
base :		ALIGMENTS
Issued Patents AA:*		
1: /EMC_Celerra_SIDS3/ptodata/2/iaa/5_COMB.DEP;*		RESULT 1
2: /EMC_Celerra_SIDS3/ptodata/2/iaa/6_COMB.DEP;*		US-09-964-994B-2
3: /EMC_Celerra_SIDS3/ptodata/2/iaa/7_COMB.DEP;*		Sequence 2, Application US/09964594B
4: /EMC_Celerra_SIDS3/ptodata/2/iaa/H_COMB.DEP;*		Patent No. 6740520
5: /EMC_Celerra_SIDS3/ptodata/2/iaa/I_COMB.DEP;*		GENERAL INFORMATION:
6: /EMC_Celerra_SIDS3/ptodata/2/iaa/PCTUS.COMB.DEP;*		APPLICANT: Goddard, Audrey
7: /EMC_Celerra_SIDS3/ptodata/2/iaa/RE_COMB.DEP;*		APPLICANT: Godowski, Paul J.
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.		APPLICANT: Gurney, Austin L.
SUMMARIES		APPLICANT: Watanabe, Colin K.
		APPLICANT: Wood, William I.
		TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO CYTOKINE RECEPTORS AND NUCLEAR ACIDS ENCODING THE SAME
		FILE REFERENCE: P312.R1
		CURRENT APPLICATION NUMBER: US/09/964,994B
		CURRENT FILING DATE: 2001-09-26
		PRIOR APPLICATION NUMBER: PCT/US00/08439
		PRIOR FILING DATE: 2000-03-30
		PRIOR APPLICATION NUMBER: PCT/US01/06520
		PRIOR FILING DATE: 2001-04-28
		PRIOR APPLICATION NUMBER: US 60/191,015
		PRIOR FILING DATE: 2000-03-21
		PRIOR APPLICATION NUMBER: US 60/191,015
		PRIOR FILING DATE: 2001-08-28
		NUMBER OF SEQ ID NOS: 7
		SEQ ID NO 2
		LENGTH: 262
		TYPE: PRT
		ORGANISM: Homo Sapien
		US-09-964-994B-2
		Query Match 99.7%; Score 1427; DB 2; Length 262;
		Best Local Similarity 100.0%; Pred. No. 9.8e-156;
		Matches 262; Conservative 0; Mismatches 0; Indels 0; Gaps 0
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RESULT 2
 Qy 242 EIQYQPMILDRRSQRSEERCEVIEP 263
 Db 241 EIQYQPMILDRRSQRSEERCEVIEP 262

US-10-090-365-2
 Sequence 2, Application US/10090365

GENERAL INFORMATION:
 APPLICANT: Presneil, Scott R.
 APPLICANT: Xu, Wenfeng
 APPLICANT: Kindvogel, Wayne
 APPLICANT: Chen, Zhi

TITLE OF INVENTION: Mouse Cytokine Receptor

FILE FILING DATE: 01-08
 CURRENT APPLICATION NUMBER: US/10/090-365

PRIOR APPLICATION NUMBER: 2002-03-04
 PRIOR FILING DATE: 2001-03-02
 PRIORITY NUMBER: US 60/279,232

NUMBER OF SEQ ID NOS: 49
 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 2
 LENGTH: 231
 TYPE: PRT
 ORGANISM: Homo sapiens

US-10-090-365-2

Query Match 85.1%; Score 1218; DB 2; Length 231;
 Best Local Similarity 87.8%; Pred. No. 9.8e-132;
 Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;
 SEQ ID NO: 2

Qy 1 MMVKHCFGLFLISFPLTGAGTOSTHESLKPORVOFSRNFNIIQWQGRALTGNSSVY 60
 Db 1 MMVKHCFGLFLISFPLTGAGTOSTHESLKPORVOFSRNFNIIQWQGRALTGNSSVY 60

Qy 1 MMVKHCFGLFLISFPLTGAGTOSTHESLKPORVOFSRNFNIIQWQGRALTGNSSVY 60
 Db 1 MMVKHCFGLFLISFPLTGAGTOSTHESLKPORVOFSRNFNIIQWQGRALTGNSSVY 60

Qy 61 FVQYKIMFSCSMKSSHQKPSGCGWQHSICNFPGCRTLAKYGRQWNKEDCMGTQELSCDL 120
 Db 61 FVQYK1-----YGRQWNKEDCMGTQELSCDL 120

Qy 61 FVQYK1-----YGRQWNKEDCMGTQELSCDL 88
 Db 61 FVQYK1-----YGRQWNKEDCMGTQELSCDL 88

Qy 121 TSETSDIQEPYGRVRAASGSYSMSMTPRTPWETKIDPPVMNTQYKGRQWNKEDCMGTQELSCDL 180
 Db 89 TSETSDIQEPYGRVRAASGSYSMSMTPRTPWETKIDPPVMNTQYKGRQWNKEDCMGTQELSCDL 148

Qy 181 PNLPYRYQEKVNVSIEDYYELLRYFTIINNSLEKQKVYEGAHRAVEIEALTPHSSYCV 240
 Db 149 PNLPYRYQEKVNVSIEDYYELLRYFTIINNSLEKQKVYEGAHRAVEIEALTPHSSYCV 208

Qy 241 AEIYQPMILDRRSQRSEERCEVIEP 263
 Db 209 AEIYQPMILDRRSQRSEERCEVIEP 231

RESULT 4
 US-10-090-365-13
 Sequence 13, Application US/10090365

PATENT NO. 6875845

GENERAL INFORMATION:
 APPLICANT: Presneil, Scott R.
 APPLICANT: Xu, Wenfeng
 APPLICANT: Kindvogel, Wayne
 APPLICANT: Chen, Zhi

TITLE OF INVENTION: Mouse Cytokine Receptor

FILE REFERENCE: 01-08
 CURRENT APPLICATION NUMBER: US/10/090-365

CURRENT FILING DATE: 2002-03-04
 PRIOR APPLICATION NUMBER: US 60/279,232
 PRIOR FILING DATE: 2001-03-02
 PRIOR APPLICATION NUMBER: US 60/279,232

PRIOR FILING DATE: 2001-03-27
 NUMBER OF SEQ ID NOS: 49
 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 13
 LENGTH: 210
 TYPE: PRT
 ORGANISM: Homo sapiens

US-10-090-365-13

Query Match 77.1%; Score 1104; DB 2; Length 210;
 Best Local Similarity 86.8%; Pred. No. 1.2e-118;
 Matches 210; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

Qy 22 TQSTHESLKPORVOFSRNFNIIQWQGRALTGNSSVYFQYKIMFSCSMKSSHOKPSG 81
 Db 1 TQSTHESLKPORVOFSRNFNIIQWQGRALTGNSSVYFQYK1-----45

Qy 82 CWOH1SCNFPGCRTLAKYGRQWNKEDCMGTQELSCDLSETS1QEPYGRVRAASAG 141
 Db 46 -----YGRQWNKEDCMGTQELSCDLSETS1QEPYGRVRAASAG 88

Qy 142 SYSENMSMTPRETPWETKIDPPVMNTQYKGRQWNKEDCMGTQELSCDLSETS1QEPYGRVRAASAG 201

RESULT 3
 US-09-728-911-2
 Sequence 2, Application US/09728911

GENERAL INFORMATION:
 APPLICANT: Presneil, Scott R.
 APPLICANT: Xu, Wenfeng
 APPLICANT: Kindvogel, Wayne
 APPLICANT: Chen, Zhi

TITLE OF INVENTION: Human Cytokine Receptor

FILE REFERENCE: 99-93
 CURRENT APPLICATION NUMBER: US/09/728,911
 CURRENT FILING DATE: 2000-12-01
 PRIOR APPLICATION NUMBER: US 60/169,049
 PRIOR FILING DATE: 1999-12-03
 PRIOR APPLICATION NUMBER: US 60/232,219
 PRIOR FILING DATE: 2000-09-13

Db 89 SYSSEWSMTPRTPWNETKIDPPVMNTITQVNGSLLVTHAPNLPYRQKEKNVSIEDYEL 148
 Qy 202 LYRVTIINNSLKEQKVEGHRATEIETALTPHSSYCVVAEIQPMLDRSRSECBCE 261
 Db 149 LYRVTIINNSLKEQKVEGHRATEIETALTPHSSYCVVAEIQPMLDRSRSECBCE 208
 Qy 262 IP 263
 Db 209 IP 210

RESULT 5
 US-09-728-911-13
 ; Sequence 13, Application US/09728911
 ; Patent No. 6897292
 ; GENERAL INFORMATION:
 ; APPLICANT: Presneil, Scott R.
 ; APPLICANT: Xu, Wenfang
 ; APPLICANT: Kindsvogel, Wayne
 ; APPLICANT: Chen, Zhi
 ; TITLE OF INVENTION: Human Cytokine Receptor
 ; FILE REFERENCE: 99-93
 ; CURRENT APPLICATION NUMBER: US/09/728,911
 ; CURRENT FILING DATE: 2000-12-01
 ; PRIOR APPLICATION NUMBER: US 60/169,049
 ; PRIOR FILING DATE: 1999-12-03
 ; PRIOR FILING NUMBER: US 60/232,219
 ; PRIOR FILING DATE: 2000-09-13
 ; PRIOR APPLICATION NUMBER: US 60/244,610
 ; PRIOR FILING DATE: 2000-10-31
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 13
 ; LENGTH: 210
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-728-911-13

Db 89 SYSSEWSMTPRTPWNETKIDPPVMNTITQVNGSLLVTHAPNLPYRQKEKNVSIEDYEL 148
 Qy 202 LYRVTIINNSLKEQKVEGHRATEIETALTPHSSYCVVAEIQPMLDRSRSECBCE 261
 Db 149 LYRVTIINNSLKEQKVEGHRATEIETALTPHSSYCVVAEIQPMLDRSRSECBCE 208
 Qy 262 IP 263
 Db 209 IP 210

Query Match Score 1104; DB 2; Length 210;
 Best Local Similarity 86.8%; Pred. No. 1.2e-118;
 Matches 210; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

RESULT 6
 US-10-090-365-48
 ; Sequence 48, Application US/10090365
 ; Patent No. 6875845
 ; GENERAL INFORMATION:
 ; APPLICANT: Presneil, Scott R.
 ; APPLICANT: Xu, Wenfang
 ; APPLICANT: Kindsvogel, Wayne
 ; APPLICANT: Chen, Zhi
 ; TITLE OF INVENTION: Mouse Cytokine Receptor
 ; FILE REFERENCE: 01-08
 ; CURRENT APPLICATION NUMBER: US/10/090,365
 ; CURRENT FILING DATE: 2002-03-04
 ; PRIOR APPLICATION NUMBER: US 60/273,035
 ; PRIOR FILING DATE: 2001-03-02
 ; PRIOR APPLICATION NUMBER: US 60/279,232
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 49
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 38
 ; LENGTH: 230
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-10-090-365-48

Query Match Score 792.5%; DB 2; Length 230;
 Best Local Similarity 58.2%; Pred. No. 1.1e-82;
 Matches 153; Conservative 21; Mismatches 56; Indels 33; Gaps 2;

Qy 1 MMPPHCPLGLFISFLFTGVAGTOSTHESLKPORVQFSRNFINILQOPGRALTGNSSVY 60
 Db 1 MMPPHCPLGLLILLSSATIEQPARVSITPQKVRFQSISNFNNLHWQGSSLDSNNNSIY 59
 Qy 61 FVYOKIMPSCSMKSISHQPKSGCMQHISCNFPGCRTLAKYQORQKNUKEDCWGTQELSCDL 120
 Db 60 FVQKM-----YQSQSNEQDVKDCWGRLPALEFCDL 87
 Qy 121 TSETSDIOBPYKGRVRAASAGSYEWMSMPRTFPWWETKIDPPWNITQVNGSLVTLHA 180
 Db 88 TNETLDPELYGRVMTACGRHSAWRTPTPRFPWWETKIDPPVTITRVNAISIRVLLRP 147
 Qy 181 PNLFPRYQKEKVNSTEDYYELLYRFVINNSLEKEQKTYEGAHRAVBLEALTPHSSYCVY 240
 Db 148 PELPNRNGSKNASMETTYGLYRVRTINNSLEREQRAYEGTORAVEGLPHSSYCVY 207
 Qy 241 AEYQPMLDRRSRSEERCVEIP 263
 Db 208 AEYQPMFDRRSRSEERCVCVHP 230

Query Match Score 1104; DB 2; Length 210;
 Best Local Similarity 86.8%; Pred. No. 1.2e-118;
 Matches 210; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

RESULT 7
 US-10-090-365-38
 ; Sequence 38, Application US/10090365
 ; Patent No. 6875845
 ; GENERAL INFORMATION:
 ; APPLICANT: Presneil, Scott R.
 ; APPLICANT: Xu, Wenfang
 ; APPLICANT: Kindsvogel, Wayne
 ; APPLICANT: Chen, Zhi
 ; TITLE OF INVENTION: Mouse Cytokine Receptor
 ; FILE REFERENCE: 01-08
 ; CURRENT APPLICATION NUMBER: US/10/090,365
 ; CURRENT FILING DATE: 2002-03-04
 ; PRIOR APPLICATION NUMBER: US 60/273,035
 ; PRIOR FILING DATE: 2001-03-02
 ; PRIOR APPLICATION NUMBER: US 60/279,232
 ; PRIOR FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 49
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 38
 ; LENGTH: 230
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-10-090-365-38

Query Match Score 792.5%; DB 2; Length 230;
 Best Local Similarity 58.2%; Pred. No. 1.1e-82;
 Matches 153; Conservative 21; Mismatches 56; Indels 33; Gaps 2;

Qy 1 MMPPHCPLGLFISFLFTGVAGTOSTHESLKPORVQFSRNFINILQOPGRALTGNSSVY 60
 Db 1 MMPPHCPLGLLILLSSATIEQPARVSITPQKVRFQSISNFNNLHWQGSSLDSNNNSIY 59

RESULT 8
 Qy 61 FVQYKIMFSCSMKSSHQPKSGCWQHISCNFPGCRTLAKYGORQWNKEDCMGTCQELSCDL 120
 Db 60 FQYKRM-----
 Db 121 TSETSDIOEQPYGRVRAASAGSSEWSMTPREPPWNETKIDDPYMNITQVNGSLILVILHA 180
 Qy 88 TNETLDPELYGRVMTACGRHSAMTRPRTPWNETKLDPVVITRNASLRLTLLRP 147
 Qy 181 PNLPIYRQKEKVNVSIEQDYLRYVFINNSLEKEQVYEGHRAVEITALPHSSYCVV 240
 Db 148 PELPNRNRQSGRNQASMETYGLYVRFTNNSLKEQVAYEQTARVEIGLJPHSSYCVV 207
 Qy 241 AB1YQPMUDRSRQRSEEEPCVEIP 263
 Db 208 AEMYQPNFDRRSPRSKERCVQIP 230

RESULT 9
 US-09-746-359A-65
 ; Sequence 65, Application US/09746359A
 ; Patent No. 6610286
 ; GENERAL INFORMATION:
 / APPLICANT: Thompson, Penny
 / APPLICANT: Foster, Donald C.
 / APPLICANT: Xu, Wenfeng
 / APPLICANT: Madden, Karen L.
 / APPLICANT: Kelly, James D.
 / APPLICANT: Sprecher, Cindy A.
 / APPLICANT: Blumberg, Hal
 / APPLICANT: Bagar, Maribeth A.
 / APPLICANT: Jaspers, Stephen R.
 / APPLICANT: Chandrasekher, Yasmin A.
 / APPLICANT: No. /6610286ak, Julia E.
 / TITLE OF INVENTION: Method for Treating Inflammation
 / FILE REFERENCE: 99-108
 / CURRENT APPLICATION NUMBER: US/09/746,359A
 / CURRENT FILING DATE: 2001-05-21
 / PRIOR APPLICATION NUMBER: 60/171,969
 / PRIOR FILING DATE: 1999-12-23
 / PRIOR APPLICATION NUMBER: 60/213,341
 / PRIOR FILING DATE: 2000-06-22
 / NUMBER OF SEQ ID NOS: 72
 / SOFTWARE: FastSEQ for Windows Version 3.0
 / SEQ ID NO 65
 / LENGTH: 207
 / TYPE: PRT
 / ORGANISM: Homo sapiens
 US-09-746-359A-65

Query Match 21 6%; Score 310; DB 2; Length 207;
 Best Local Similarity 32.0%; Pred. No. 3. 1e-27; Mismatches 33; Indels 34; Gaps 3;
 Matches 74;

Qy 30 KPQRQFSRNFNHLQWQPCRALGNSSVYFQVKIMFSCSMKSSHQPKSGCWQHISCN 89
 Db 3 KPANITFLSNMKNTLQWTPEGQSVKVTTVOQFPI-----
 Db 90 FPGCRTLAKYGRQWNKEDWGTLSCDLSETSDIQEPYGRVRAASAGSSEWSM 149
 Qy 40 -----YQOKRWNKSECRNINRTYCDLSAEFSDYHOYYAKVKAIWGTKCSKWAES 90
 Db 150 PRFTPWNETKIDDPYMNITQVNGSLILVILHAAPNLPIYRQKEKVNVSIEDYY-ELLYRVFII 208
 Qy 91 GRFPPLQGPPVALTDKSISVLTAPEKWRKNPDLPSQIYSNLKVNVS 150
 Db 209 NNSLKEQKTYEGAHRAVEITALPHSSYCVVAEYQPMUDRSRQRSEERC 259
 Db 151 NTKSRTWSOCVNTLV-LTWLEPNLTLYCWHVEFVGPPRRAQPSSEKQC 200

RESULT 10
 US-09-746-359A-63
 ; Sequence 63, Application US/09746359A
 ; Patent No. 6610286

Query Match 21.7%; Score 311; DB 1; Length 221;
 Best Local Similarity 32.0%; Pred. No. 3. 1e-27; Mismatches 90; Indels 34; Gaps 3;
 Matches 74;

Qy 30 KPQRQFSRNFNHLQWQPCRALGNSSVYFQVKIMFSCSMKSSHQPKSGCWQHISCN 89

GENERAL INFORMATION:

APPLICANT: Thompson, Penny
 APPLICANT: Foster, Donald C.
 APPLICANT: Xu, Wenfeng
 APPLICANT: Madden, Karen L.
 APPLICANT: Madden, Karen L.
 APPLICANT: Kelly, James D.
 APPLICANT: Sprecher, Cindy A.
 APPLICANT: Blumberg, Hal
 APPLICANT: Bagan, Maribeth A.
 APPLICANT: Jaspers, Stephen R.
 APPLICANT: Chandrasekher, Yasmin A.
 APPLICANT: No. 6610286ak, Julia E.

TITLE OF INVENTION: Method for Treating Inflammation

FILE REFERENCE: 99-108

CURRENT APPLICATION NUMBER: US/09/746,359A

CURRENT FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: 60/171,969

PRIOR FILING DATE: 1999-12-23

PRIOR APPLICATION NUMBER: 60/213,341

PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 72

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 63

LENGTH: 214

TYPE: PRT

ORGANISM: Homo sapiens

US-09-746-359A-63

Query Match 21.6%; Score 310; DB 2; Length 214;
 Best Local Similarity 32.0%; Pred. No. 3.98-27;
 Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORVQFSRNFANILQWOPGRALTGNSSVYFVQKIMFSCSMKSHQKPSGWQHISCN 89
 Db 1.0 KPNANITFLSINMKVNLQNTPPEGILOGVKVTTVQYFI----- 46

Qy 90 FPGCRTLAKYGQRWNKEDCWGQELSDLTSETSDIOPYGRVRAASAGSYSEWSMT 149
 Db 47 -----YGQKWLNSECRNINRTYCDLSAITSDEHQYTAVKLWIKCWSKWAES 97

Qy 150 PRTPWWEITKIDPVMNITQVNGLLVTHAPNLPYRKEKNVSIEDYY-EILYRFII 208
 Db 98 GRYPPLFETQIGPEAVLTDEKSISVLTAPERKWKNPEDLPVSMOQIYSNLXNVSVL 157

Qy 209 NNSLEKEQKVYEGAHRAVEIBALPHSSYCVVAIYQPMQLDRRSQRSEERC 259
 Db 158 NTKSNRWTSQCVTNHTLY-LTWWLEPTNLVCVHESPVFGPPRAQPSEKQC 207

GENERAL INFORMATION:

NUMBER OF SEQ ID NOS: 72

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 55

LENGTH: 217

TYPE: PRT

ORGANISM: Homo sapiens

US-09-746-359A-55

Query Match 21.6%; Score 310; DB 2; Length 217;
 Best Local Similarity 32.0%; Pred. No. 4e-27;
 Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORVQFSRNFANILQWOPGRALTGNSSVYFVQKIMFSCSMKSHQKPSGWQHISCN 89
 Db 10 KPNANITFLSINMKVNLQNTPPEGILOGVKVTTVQYFI----- 46

Qy 90 FPGCRTLAKYGQRWNKEDCWGQELSDLTSETSDIOPYGRVRAASAGSYSEWSMT 149
 Db 47 -----YGQKWLNSECRNINRTYCDLSAITSDEHQYTAVKLWIKCWSKWAES 97

Qy 150 PRTPWWEITKIDPVMNITQVNGLLVTHAPNLPYRKEKNVSIEDYY-EILYRFII 208
 Db 98 GRYPPLFETQIGPEAVLTDEKSISVLTAPERKWKNPEDLPVSMOQIYSNLXNVSVL 157

Qy 209 NNSLEKEQKVYEGAHRAVEIBALPHSSYCVVAIYQPMQLDRRSQRSEERC 259
 Db 158 NTKSNRWTSQCVTNHTLY-LTWWLEPTNLVCVHESPVFGPPRAQPSEKQC 207

RESULT 112

US-09-943-087-50

Sequence 50, Application US/08943087
 Patent No. 594511

GENERAL INFORMATION:

APPLICANT: Lok, Si
 APPLICANT: Kho, Choon J.
 APPLICANT: Jelberg, Anna C.
 APPLICANT: Adams, Robyn L.
 APPLICANT: Whitmore, Theodore E.
 APPLICANT: Farrah, Theresa M.
 TITLE OF INVENTION: CYTOKINE RECEPTOR
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSES: ZymoGenetics, Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/943,087
 FILING DATE:
 CLASSIFICATION: 536
 PRIORITY APPLICATION DATA:
 PATENT NUMBER: 6610286
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 ATTORNEY/AGENT INFORMATION:
 NAME: Lunn, Paul G.
 REGISTRATION NUMBER: 32,743
 REFERENCE/DOCKET NUMBER: 95-24C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-442-6527
 TELEFAX: 206-442-6678
 TELEX:
 INFORMATION FOR SEQ ID NO: 50:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 221 amino acids
 TYPE: amino acid

STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-943-087-50

Query Match 21.6%; Score 310; DB 1; Length 221;
 Best Local Similarity 32.0%; Pred. No. 4.1e-27;
 Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORQFQSRNFHNLQWQGRALTGNSVSYFVQYKIMFSCSMKSSHQPKSGCWQHISCN 89
 Db 10 KPANITFLSTINMKVLQWTPEGLQGVKTVTQYFI----- 46

Qy 90 FPGCRTLAKYGOROKNKEDCWGQELSCDLTSSTDQEPYYGRVRAASAGSYSEWSMT 149
 Db 47 ----- YGOKRKLANKSECNRNITYCDLSAETSDEHQYAKVRAIWGSKCKWAE 97

Db 150 PRFTPWWETKIDPPVMNTQVNGSLLVHAPNLPYRQKEVKNSIEDYY-ELLYRVFII 208
 Qy 98 GRYPFPLEQIGPPEVALTDERSISVLTAPKWKRNPDLPVSMQQIYSNLKVNCSV 157

Db 209 NNSLEKEOKVYEGAHRAVEIAIYQPMQLDRRSQRSERC 259
 Qy 158 NTKSNRNTSQCVTNHTLV-LTMLEPNTLYCVRHVESFVGPPRRAQPSSBQC 207

RESULT 13
 US-08-943-087-56

Sequence 56 Application US/08943087
 Patent No. 594511

GENERAL INFORMATION:
 APPLICANT: Lok, Si
 APPLICANT: Kho, Choon J.
 APPLICANT: Jelberg, Anna C.
 APPLICANT: Adams, Robyn L.
 APPLICANT: Whitmore, Theodore E.
 APPLICANT: Farrash, Theresa M.
 TITLE OF INVENTION: CYTOKINE RECEPTOR
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ZymoGenetics Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/943,087
 FILING DATE:
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/803,305
 FILING DATE: 20-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Lunn, Paul G
 REGISTRATION NUMBER: 32,743
 REFERENCE/DOCKET NUMBER: 96-24C1
 TELEPHONE: 206-442-6627
 TELEX:
 INFORMATION FOR SEQ ID NO: 56:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 221 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-943-087-56

Query Match 21.6%; Score 310; DB 2; Length 221;
 Best Local Similarity 31.6%; Pred. No. 4.1e-27;
 Matches 73; Conservative 34; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORQFQSRNFHNLQWQGRALTGNSVSYFVQYKIMFSCSMKSSHQPKSGCWQHISCN 89
 Db 10 KPANITFLSTINMKVLQWTPEGLQGVKTVTQYFI----- 46

Qy 90 FPGCRTLAKYGOROKNKEDCWGQELSCDLTSSTDQEPYYGRVRAASAGSYSEWSMT 149
 Db 47 ----- YGOKRKLANKSECNRNITYCDLSAETSDEHQYAKVRAIWGSKCKWAE 97

Db 150 PRFTPWWETKIDPPVMNTQVNGSLLVHAPNLPYRQKEVKNSIEDYY-ELLYRVFII 208
 Qy 98 GRYPFPLEQIGPPEVALTDERSISVLTAPKWKRNPDLPVSMQQIYSNLKVNCSV 157

Db 209 NNSLEKEOKVYEGAHRAVEIAIYQPMQLDRRSQRSERC 259
 Qy 158 NTKSNRNTSQCVTNHTLV-LTMLEPNTLYCVRHVESFVGPPRRAQPSSBQC 207

RESULT 14
 US-09-146-359A-12

Sequence 12, Application US/0946359A
 Patent No. 6610286

GENERAL INFORMATION:
 APPLICANT: Thompson, Penny
 APPLICANT: Foster, Donald C.
 APPLICANT: Xu, Wenfeng
 APPLICANT: Madden, Karen L.
 APPLICANT: Kelly, James D.
 APPLICANT: Sprecher, Cindy A.
 APPLICANT: Blumberg, Hal
 APPLICANT: Bagan, Maribeth A.
 APPLICANT: Jaspers, Stephen R.
 APPLICANT: Chandrasekher, Yasmin A.
 APPLICANT: No. 6610286ak, Julia E.
 TITLE OF INVENTION: Method for Treating Inflammation
 FILE REFERENCE: 99-108
 CURRENT APPLICATION NUMBER: US/09/746,359A
 CURRENT FILING DATE: 2001-05-21
 PRIOR APPLICATION NUMBER: 60/171,969
 PRIOR FILING DATE: 1999-12-23
 PRIOR APPLICATION NUMBER: 60/213,341
 PRIOR FILING DATE: 2000-06-22
 NUMBER OF SEQ ID NOS: 72
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 12
 LENGTH: 221
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-146-359A-12

Query Match 21.6%; Score 310; DB 2; Length 221;
 Best Local Similarity 32.0%; Pred. No. 4.1e-27;
 Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORQFQSRNFHNLQWQGRALTGNSVSYFVQYKIMFSCSMKSSHQPKSGCWQHISCN 89
 Db 10 KPANITFLSTINMKVLQWTPEGLQGVKTVTQYFI----- 46

Qy 90 FPGCRTLAKYGOROKNKEDCWGQELSCDLTSSTDQEPYYGRVRAASAGSYSEWSMT 149
 Db 47 ----- YGOKRKLANKSECNRNITYCDLSAETSDEHQYAKVRAIWGSKCKWAE 97

Db 150 PRFTPWWETKIDPPVMNTQVNGSLLVHAPNLPYRQKEVKNSIEDYY-ELLYRVFII 208
 Qy 98 GRYPFPLEQIGPPEVALTDERSISVLTAPKWKRNPDLPVSMQQIYSNLKVNCSV 157

Qy 209 NNSLEKQVYEGAHRAVEIBALTPHSYCVABIVQPMQLDRRSQRSEERC 259
 US-10-233-873A-3
 Sequence 3, Application US/10233873A
 Db 158 NTKSNRTWQSCTVNHTLVL-TTLEBNTLYCVAVESFVPPRRAQPSBQOC 207

RESULT 15

US-10-233-873A-3

Sequence 3, Application US/10233873A

GENERAL INFORMATION:

APPLICANT: Peng Liang

TITLE OF INVENTION: THE HUMAN MOB-5 (IL-24) RECEPTORS AND USES THEREOF

FILE REFERENCE: 22000_0091U4

CURRENT APPLICATION NUMBER: US/10/233,373A

CURRENT FILING DATE: 2002-11-29

PRIOR APPLICATION NUMBER: 60/315,684

PRIOR FILING DATE: 2001-08-29

NUMBER OF SEQ ID NOS: 12

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 248

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence; No. 6902930e =

OTHER INFORMATION: Synthetic Construct

US-10-233-873A-3

Query Match Score 21.6% Score 310; DB 2; Length 248;
 Best Local Similarity 32.0%; Pred. No. 4.9e-27; Mismatches 90; Indels 34; Gaps 3;

Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORVOFGSRPNFIILQKOPGRALTGNGNSVYVQXKIMPSMCKSSHQPKSGCWQHISCN 89
 Db 39 KPNATIFSIINNNKVNLWMTPPPSGLQYTVTTVQYFL----- 75

Qy 90 PPGCRTLAQYQORQWNKEDCMGTQBLSCDLTSETSDIQEPYYGRVRAASAGSYSEWSHNT 149
 Db 76 -----YQDQKWLNUKSECRNINITYCDLSAETSDYEHQQYAKVKAIWGTKCSKWAES 126

Qy 150 PRFTPWETKIDDPVNNTIQTONGSLIVLHAPNLPYRYQEKNSIEDYY-ELLYRFVII 208
 Db 127 GRFPFFLETQIGPPEVLTIDDEKSISVTLTAPEKWRNPEDLPVSHQQTNSLNKTNVSVL 186

Qy 209 NNSLEKQVYEGAHRAVEIBALTPHSYCVABIVQPMQLDRRSQRSEERC 259
 Db 187 NTKSNRTWQSCTVNHTLVL-TTLEBNTLYCVAVESFVPPRRAQPSBQOC 236

Search completed: July 31, 2006, 18:48:01
 Job time : 51 secs

Db 61 FVQYKIMPSMSKSSHQPKSGCWQHISCNPGCRTLAKYGORQWNKEDCWGTQELSCDL 120
 Qy 121 TSETSDIQEPTYGRTAASGSYSMSTPRTPWEETKIDPPVMNTQVNGSLVILRA 180
 Db 121 TSETSDIQEPTYGRTAASGSYSMSTPRTPWEETKIDPPVMNTQVNGSLVILRA 180
 Qy 181 PNLPYRQKERNVSIEDYYELLVRFINNSLKEQKYVEGAHRAVEEALTPHSSYCVV 240
 Db 181 PNLPYRQKERNVSIEDYYELLVRFINNSLKEQKYVEGAHRAVEEALTPHSSYCVV 240
 Qy 241 ABIQOPMDRSRSEERCYBIP 263
 Db 241 ABIQOPMDRSRSEERCYBIP 263

RESULT 5

US-09-961-404-6
 Sequence 5, Application US/0961404
 Publication No. US20030022827A1.

GENERAL INFORMATION:
 APPLICANT: WEISS, BERTRAM

APPLICANT: SABAT, ROBERT
 APPLICANT: ASADULLAH, KHUSRU

TITLE OF INVENTION: THREE NEW MEMBERS OF THE CYTOKINE RECEPTOR
 FAMILY CLASS 2

FILE REFERENCE: SCH-1788

CURRENT APPLICATION NUMBER: US/09/961,404

CURRENT FILING DATE: 2001-09-25

NUMBER OF SEQ ID NOS: 19

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 6

LENGTH: 263

TYPE: PRT

ORGANISM: Homo sapiens

Query Match 99.7% Score 1428; DB 3; Length 263;
 Best Local Similarity 99.6% Pred. No. 4.2e-133;
 Matches 262; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MNPKHCFGLFLISPLTFQVAGTOSTHESILKPQRYQFOSRNFMNITQVNGSLVILRA 60
 Db 1 MNPKHCFGLFLISPLTFQVAGTOSTHESILKPQRYQFOSRNFMNITQVNGSLVILRA 60

Qy 61 FVQYKIMPSMSKSSHQPKSGCWQHISCNPGCRTLAKYGORQWNKEDCWGTQELSCDL 120
 Db 61 FVQYKIMPSMSKSSHQPKSGCWQHISCNPGCRTLAKYGORQWNKEDCWGTQELSCDL 120

Qy 121 TSETSDIQEPTYGRTAASGSYSMSTPRTPWEETKIDPPVMNTQVNGSLVILRA 180
 Db 121 TSETSDIQEPTYGRTAASGSYSMSTPRTPWEETKIDPPVMNTQVNGSLVILRA 180

Qy 181 PNLPYRQKERNVSIEDYYELLVRFINNSLKEQKYVEGAHRAVEEALTPHSSYCVV 240
 Db 181 PNLPYRQKERNVSIEDYYELLVRFINNSLKEQKYVEGAHRAVEEALTPHSSYCVV 240

Qy 241 ABIQOPMDRSRSEERCYBIP 263

Db 241 ABIQOPMDRSRSEERCYBIP 263

Query Match 99.7% Score 1427; DB 3; Length 262;

Best Local Similarity 100.0% Pred. No. 5.2e-133;

Matches 262; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MPKHCFLGFLISPLTFQVAGTOSTHESILKPQRYQFOSRNFMNITQVNGSLVILRA 61
 Db 1 MPKHCFLGFLISPLTFQVAGTOSTHESILKPQRYQFOSRNFMNITQVNGSLVILRA 61

Qy 62 VQYKIMFCMSKSSHQPKSGCWQHISCNPGCRTLAKYGORQWNKEDCWGTQELSCDLT 121
 Db 61 VQYKIMFCMSKSSHQPKSGCWQHISCNPGCRTLAKYGORQWNKEDCWGTQELSCDLT 120

Qy 122 SETSDIQEPTYGRTAASGSYSMSTPRTPWEETKIDPPVMNTQVNGSLVILRA 181

Db 121 SETSDIQEPTYGRTAASGSYSMSTPRTPWEETKIDPPVMNTQVNGSLVILRA 180

Qy 182 NLPYRQKEKNVSIEDYYELLVRFINNSLKEQKYVEGAHRAVEEALTPHSSYCVV 241

Db 181 NLPYRQKEKNVSIEDYYELLVRFINNSLKEQKYVEGAHRAVEEALTPHSSYCVV 240

Qy 242 EYQPMDRRSRSEERCYBIP 263

Db 241 EYQPMDRRSRSEERCYBIP 262

RESULT 7

US-10-293-654-2

Sequence 2, Application US/10293654

PUBLICATION NO. US20040023323A1

GENERAL INFORMATION:

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Watanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO CYTOKINE RECEPTORS AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3121R1

CURRENT APPLICATION NUMBER: US/10/293,654

CURRENT FILING DATE: 2002-11-13

PRIOR APPLICATION NUMBER: US/09/964,994

PRIOR FILING DATE: 2001-02-28

PRIOR APPLICATION NUMBER: US 60/191,015

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: US 09/941,992

PRIOR FILING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 7

SEQ ID NO 2

LENGTH: 262

Qy 241 ABIQOPMDRSRSEERCYBIP 263

Db 241 ABIQOPMDRSRSEERCYBIP 263

Qy 242 EYQPMDRRSRSEERCYBIP 263

Db 242 EYQPMDRRSRSEERCYBIP 262

Qy 243 EYQPMDRRSRSEERCYBIP 263

Db 243 EYQPMDRRSRSEERCYBIP 262

Qy 244 EYQPMDRRSRSEERCYBIP 263

Db 244 EYQPMDRRSRSEERCYBIP 262

Qy 245 EYQPMDRRSRSEERCYBIP 263

Db 245 EYQPMDRRSRSEERCYBIP 262

Qy 246 EYQPMDRRSRSEERCYBIP 263

Db 246 EYQPMDRRSRSEERCYBIP 262

Qy 247 EYQPMDRRSRSEERCYBIP 263

Db 247 EYQPMDRRSRSEERCYBIP 262

Qy 248 EYQPMDRRSRSEERCYBIP 263

Db 248 EYQPMDRRSRSEERCYBIP 262

Qy 249 EYQPMDRRSRSEERCYBIP 263

Db 249 EYQPMDRRSRSEERCYBIP 262

Qy 250 EYQPMDRRSRSEERCYBIP 263

Db 250 EYQPMDRRSRSEERCYBIP 262

Qy 251 EYQPMDRRSRSEERCYBIP 263

Db 251 EYQPMDRRSRSEERCYBIP 262

Qy 252 EYQPMDRRSRSEERCYBIP 263

Db 252 EYQPMDRRSRSEERCYBIP 262

Qy 253 EYQPMDRRSRSEERCYBIP 263

Db 253 EYQPMDRRSRSEERCYBIP 262

Qy 254 EYQPMDRRSRSEERCYBIP 263

Db 254 EYQPMDRRSRSEERCYBIP 262

Qy 255 EYQPMDRRSRSEERCYBIP 263

Db 255 EYQPMDRRSRSEERCYBIP 262

Qy 256 EYQPMDRRSRSEERCYBIP 263

Db 256 EYQPMDRRSRSEERCYBIP 262

Qy 257 EYQPMDRRSRSEERCYBIP 263

Db 257 EYQPMDRRSRSEERCYBIP 262

Qy 258 EYQPMDRRSRSEERCYBIP 263

Db 258 EYQPMDRRSRSEERCYBIP 262

Qy 259 EYQPMDRRSRSEERCYBIP 263

Db 259 EYQPMDRRSRSEERCYBIP 262

Qy 260 EYQPMDRRSRSEERCYBIP 263

Db 260 EYQPMDRRSRSEERCYBIP 262

Qy 261 EYQPMDRRSRSEERCYBIP 263

Db 261 EYQPMDRRSRSEERCYBIP 262

Qy 262 EYQPMDRRSRSEERCYBIP 263

Db 262 EYQPMDRRSRSEERCYBIP 262

Qy 263 EYQPMDRRSRSEERCYBIP 263

Db 263 EYQPMDRRSRSEERCYBIP 262

Qy 264 EYQPMDRRSRSEERCYBIP 263

Db 264 EYQPMDRRSRSEERCYBIP 262

Qy 265 EYQPMDRRSRSEERCYBIP 263

Db 265 EYQPMDRRSRSEERCYBIP 262

Qy 266 EYQPMDRRSRSEERCYBIP 263

Db 266 EYQPMDRRSRSEERCYBIP 262

Qy 267 EYQPMDRRSRSEERCYBIP 263

Db 267 EYQPMDRRSRSEERCYBIP 262

Qy 268 EYQPMDRRSRSEERCYBIP 263

Db 268 EYQPMDRRSRSEERCYBIP 262

; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-293-654-2

Query Match 99.7%; Score 1427; DB 4; Length 262;
Best Local Similarity 100.0%; Pred. No. 5.2e-133;
Matches 262; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MPKICFLGFLISPFITGVACTQSTBSLKEPQRVOPQRNPHNILQWOPGRALTGSYVF 61
Db 1 MPKICFLGFLISPFITGVACTQSTBSLKEPQRVOPQRNPHNILQWOPGRALTGSYVF 60

Qy 62 VQYKIMFSCMKSNSHQPSCGTCWQHISCNFGCRTLAQYQORWNKEDCGTQELSCDLT 121
Db 61 VQYKIMFSCMKSNSHQPSCGTCWQHISCNFGCRTLAQYQORWNKEDCGTQELSCDLT 120

RESULT 9
US-09-919-162E-11
; Sequence 11, Application US/09919162E
; Publication No. US20040011699A1
; GENERAL INFORMATION:
; APPLICANT: Renaud, Jean-Christophe
; DUMONTIER, Laure
; TITLE OF INVENTION: Receptor or Binding Protein Which Binds to IL-TIF/IL-22, And 1
; CURRENT APPLICATION NUMBER: Isolated Nucleic Acid Molecules Which Encode A Soluble IL-TIF/
; FILE REFERENCE: LUD 5684.2 (10105926)
; CURRENT FILING DATE: 2001-07-31
; PRIORITY NUMBER: US 09/919,162E
; PRIORITY NUMBER: US 09/919,162E
; PRIORITY NUMBER: US 60/245,495
; PRIORITY NUMBER: US 60/234,583
; PRIORITY NUMBER: US 60/245,495
; PRIORITY NUMBER: US 60/234,583
; SEQ ID NO 11
; LENGTH: 263
; TYPE: PRTE
; ORGANISM: Homo sapiens
US-09-919-162E-11

Query Match 97.6%; Score 1397; DB 3;
Best Local Similarity 98.1%; Pred. No. 5e-130; Length 263;
Matches 258; Conservative 5; Mismatches 5; Indels 0; Gaps 0;

Qy 1 MMPKHCFLGFLISPFITGVAGTQSTBSLKPQVQFSRNFNINLQWOPGRALTGSYVF 60
Db 1 MMPKHCFLGFLISPFITGVAGTQSTBSLKPQVQFSRNFNINLQWOPGRALTGSYVF 60

Qy 61 FVQYKIMFSCMKSNSHQPSCGWCNFPCCRILAKYQORWNKEDCGTQELSCDL 120
Db 61 FVQYKIMFSCMKSNSHQPSCGWCNFPCCRILAKYQORWNKEDCGTQELSCDL 120

RESULT 8
US-10-700-992-2
; Sequence 2, Application US/10700992
; Publication No. US20040088970A1
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO
; CYTOKINE RECEPTORS AND NUCLEIC ACIDS ENCODING TH SAME
; FILE REFERENCE: P1121RI
; CURRENT FILING DATE: 2003-11-03
; PRIORITY NUMBER: US/10/700,992
; PRIOR APPLICATION NUMBER: PCT/US04/08419
; PRIOR FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: PCT/US00/08419
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/191,015
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 09/941,992
; PRIOR FILING DATE: 2001-08-28
; SEQ ID NO 2
; LENGTH: 262
; TYPE: PRTE
; ORGANISM: Homo Sapien
US-10-700-992-2

Query Match 99.7%; Score 1427; DB 4; Length 262;
Best Local Similarity 100.0%; Pred. No. 5.2e-133;
Matches 262; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MPKICFLGFLISPFITGVAGTQSTBSLKEPQRVOPQRNPHNISCNFGCRTLAQYQORWNKEDCGTQELSCDLT 121
Db 1 MPKICFLGFLISPFITGVAGTQSTBSLKEPQRVOPQRNPHNISCNFGCRTLAQYQORWNKEDCGTQELSCDLT 120

Qy 62 VQYKIMFSCMKSNSHQPSCGWCNFPCCRILAKYQORWNKEDCGTQELSCDLT 121
Db 61 VQYKIMFSCMKSNSHQPSCGWCNFPCCRILAKYQORWNKEDCGTQELSCDLT 120

RESULT 10
US-10-385-586A-11
; Sequence 11, Application US/10385586A
; Publication No. US20040180399A1
; GENERAL INFORMATION:
; APPLICANT: Renaud, Jean-Christophe
; DUMONTIER, Laure
; TITLE OF INVENTION: Receptor or Binding Protein Which Binds to IL-TIF/IL-22, And 1
; FILE REFERENCE: LUD 5684.3 (10303396)
; CURRENT APPLICATION NUMBER: US/10/385,586A
; CURRENT FILING DATE: 2003-03-11

PRIOR APPLICATION NUMBER: US 09/919,162
; PRIOR FILING DATE: 2001-31-07
; PRIOR APPLICATION NUMBER: US 60/245,495
; PRIOR FILING DATE: 2000-03-11
; PRIOR APPLICATION NUMBER: US60/234,583
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 11
; SEQ ID NO 11
; LENGTH: 263
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-385-586A-11

Query Match 97.6%; Score 1397; DB 4; Length 263;
Best Local Similarity 98.1%; Pred. No. 5e-130;
Matches 258; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 MMPKHCFGLFISPFITGVAGTQSSTESLKPQRVYOFQSRNFNHLQWQGRALTGNSVY 60
Db 1 MMPKHCFGLFELISPFITGVAGTQSSTESLKPQRVYOFQSRNFNHLQWQGRALTGNSVY 60

Qy 61 FVOYKIMFSMSMKSHQPKSGCWQHISCNPGCPTLKQGQRQWNKEDCGTQBLSCDL 120
Db 61 FVQTKIMFSMSKSHQSOQDAWHISCNPGCPTLKQGQRQWNKEDCGTQBLSCDL 120

Qy 121 TSFSDIQEPPYYGRVRAASGSYSWMSMPRFTPAWETKIDPPMNITQVNGSLVILHA 180
Db 121 TSEYSDIQEPPYYGRVRAASGSYSWMSMPRFTPAWETKIDPPMNITQVNGSLVILHA 180

Qy 181 PNLPYRYQKEKNVSIEDYYELLTRVFINNSLEKQVYEGAHRAVEIATLPHSSYCV 240
Db 181 PNLPYRYQKEKNVSIEDYYELLTRVFINNSLEKQVYEGAHRAVEIATLPHSSYCV 240

Qy 241 AEIYQPMQLDRSRSERCVIP 263
Db 241 AEIYQPMQLDRSRSERCVIP 263

RESULT 11
US-10-490-593-8
; Sequence 8, Application US/10490593
; Publication No. US20040204351A1
; GENERAL INFORMATION:
; APPLICANT: Baldwin, David B.
; APPLICANT: Rowlinson, Scott W.
; TITLE OF INVENTION: Soluble Proteins that Inhibit Cytokine Signal Transduction Pathwa
; FILE REFERENCE: X-15219
; CURRENT FILING NUMBER: US/10490,593
; PRIOR APPLICATION NUMBER: US 60/342,233
; PRIOR FILING DATE: 2001-10-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 230
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-490-593-8

Query Match 87.7%; Score 1256; DB 4; Length 230;
Best Local Similarity 100.0%; Pred. No. 4.3e-116;
Matches 230; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 34 VOFSRNFNHLQWQGRALTGNSVYFVQXIMFSSMSKSHQPKSGCWQHISCNPGC 93
Db 1 VQFQSRNFNHLQWQGRALTGNSVYFVQXIMFSSMSKSHQPKSGCWQHISCNPGC 60

Qy 94 RTLAKYQGRQWNKEDGWGTQBLSCDLSETSDOIQFPYGRVRAASGSYSWMSMPRFT 153
Db 61 RTLAKYQGRQWNKEDGWGTQBLSCDLSETSDOIQFPYGRVRAASGSYSWMSMPRFT 120

Qy 154 PWNETKIDPPMNITQVNGSLVILHAPNLPRYQKEKNVSIEDYYELLTRVFINNSLE 213
Db 181 KEQKTYEGAHRAVEIATLPHSSYCVAEIYQPMQLDRSRSERCVIP 230

RESULT 12
US-09-728-911-2
; Sequence 2, Application US/09728911
; Patent No. US20020012669A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenteng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09/728,911
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: US 60/244,610
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-911-2

Query Match 85.1%; Score 1218; DB 3; Length 231;
Best Local Similarity 87.8%; Pred. No. 2.6e-112;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

Qy 1 MMPKHCFGLFISPFITGVAGTQSSTESLKPQRVYOFQSRNFNHLQWQGRALTGNSVY 60
Db 1 MMPKHCFGLFELISPFITGVAGTQSSTESLKPQRVYOFQSRNFNHLQWQGRALTGNSVY 60

Qy 61 FVQKIMFSMSKSHQPKSGCWQHISCNPGCPTLKQGQRQWNKEDCGTQBLSCDL 120
Db 61 FVQKIMFSMSKSHQPKSGCWQHISCNPGCPTLKQGQRQWNKEDCGTQBLSCDL 120

Qy 61 FVQKIMFSMSKSHQPKSGCWQHISCNPGCPTLKQGQRQWNKEDCGTQBLSCDL 120
Db 61 FVQKIMFSMSKSHQPKSGCWQHISCNPGCPTLKQGQRQWNKEDCGTQBLSCDL 120

Qy 121 TSFSDIQEPPYYGRVRAASGSYSWMSMPRFTPAWETKIDPPMNITQVNGSLVILHA 180
Db 121 TSFSDIQEPPYYGRVRAASGSYSWMSMPRFTPAWETKIDPPMNITQVNGSLVILHA 180

Qy 181 PNLPYRYQKEKNVSIEDYYELLTRVFINNSLEKQVYEGAHRAVEIATLPHSSYCV 240
Db 181 PNLPYRYQKEKNVSIEDYYELLTRVFINNSLEKQVYEGAHRAVEIATLPHSSYCV 240

Qy 241 AEIYQPMQLDRSRSERCVIP 263
Db 241 AEIYQPMQLDRSRSERCVIP 263

RESULT 13
US-09-940-192-6
; Sequence 6, Application US/09940192
; Patent No. US2002142392A1
; GENERAL INFORMATION:
; APPLICANT: Parham, Christi L.
; APPLICANT: Gorman, Daniel L.
; APPLICANT: Kurata, Hirokazu
; APPLICANT: Araia, Naoko
; APPLICANT: Sana, Theodore R.
; APPLICANT: Matsion, Jeanne D.
; APPLICANT: Murphy, Erin E.
; APPLICANT: Savoor, Chetan
; APPLICANT: Green, Jeffery

APPLICANT: Smith, Kathleen M.
 APPLICANT: McClanahan, Terrill K.
 TITLE OF INVENTION: MAMMALIAN GENES; RELATED REAGENTS AND METHODS
 FILE REFERENCE: DX01169K
 CURRENT APPLICATION NUMBER: US/09/949,192
 CURRENT FILING DATE: 2001-09-07
 PRIOR APPLICATION NUMBER: 60/231,267
 PRIOR FILING DATE: 2000-09-08
 NUMBER OF SEQ ID NOS: 53
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 6
 LENGTH: 231
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-949-192-6

Query Match 85.1%; Score 1218; DB 3; Length 231;
 Best Local Similarity 87.8%; Pred. No. 2.6e-112;
 Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

Qy 1 MMVKHCFPLGFLISPLTGTAGTQSTHESLKPQRFQSRNFNHLQWQGRALTGNSSVY 60
 Db 1 MMVKHCFPLGFLISPLTGTAGTQSTHESLKPQRFQSRNFNHLQWQGRALTGNSSVY 60

Qy 61 FVQYKIMFCSMISSSHQPSGCMQHISCNPPGCTLTAKYQORQWNKEDCWTGTOBLSCDL 120
 Db 61 FVQYKI-----
 Qy 121 TSETSDIQEPYYGRVRAASAGSSEWSMTPRFTWETKIDPPMNITQYNGSLVILHA 180
 Db 89 TSETSDIQEPYYGRVRAASAGSSEWSMTPRFTWETKIDPPMNITQYNGSLVILHA 148

Qy 181 PNLPYRQKEKNVSIEDYYELLYRVFINNSLEKEQKYEGAHRAVEITALTPHSSYCVV 240
 Db 149 PNLPYRQKEKNVSIEDYYELLYRVFINNSLEKEQKYEGAHRAVEITALTPHSSYCVV 208

Qy 241 AEIYQPMIDRRSORSEERCVEIP 263
 Db 209 AEIYQPMIDRRSORSEERCVEIP 231

RESULT 15
 US-09-746-375-33
 ; Sequence 33 Application US/09746375
 ; Publication No. US20030170823A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Presenell, Scott R.
 ; APPLICANT: Kindsvogel, Wayne
 ; TITLE OF INVENTION: NOVEL CYTOKINE ZCYTO18
 ; FILE REFERENCE: 99-106
 ; CURRENT APPLICATION NUMBER: US/09/746,375
 ; CURRENT FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: US 60/172,105
 ; PRIOR FILING DATE: 1999-12-23
 ; PRIOR APPLICATION NUMBER: US 60/****,***
 ; PRIOR FILING DATE: 2000-12-01
 ; NUMBER OF SEQ ID NOS: 44
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 33
 ; LENGTH: 231
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-746-375-33

Query Match 85.1%; Score 1218; DB 3; Length 231;
 Best Local Similarity 87.8%; Pred. No. 2.6e-112;
 Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

Qy 1 MMVKHCFPLGFLISPLTGTAGTQSTHESLKPQRFQSRNFNHLQWQGRALTGNSSVY 60
 Db 1 MMVKHCFPLGFLISPLTGTAGTQSTHESLKPQRFQSRNFNHLQWQGRALTGNSSVY 60

Qy 61 FVQYKIMFCSMISSSHQPSGCMQHISCNPPGCTLTAKYQORQWNKEDCWTGTOBLSCDL 120
 Db 61 FVQYKI-----
 Qy 121 TSETSDIQEPYYGRVRAASAGSSEWSMTPRFTWETKIDPPMNITQYNGSLVILHA 180
 Db 89 TSETSDIQEPYYGRVRAASAGSSEWSMTPRFTWETKIDPPMNITQYNGSLVILHA 148

Qy 181 PNLPYRQKEKNVSIEDYYELLYRVFINNSLEKEQKYEGAHRAVEITALTPHSSYCVV 240
 Db 149 PNLPYRQKEKNVSIEDYYELLYRVFINNSLEKEQKYEGAHRAVEITALTPHSSYCVV 208

Qy 241 AEIYQPMIDRRSORSEERCVEIP 263
 Db 209 AEIYQPMIDRRSORSEERCVEIP 231

RESULT 14
 US-09-961-404-4
 ; Sequence 4 Application US/09961404
 ; Publication No. US20030022827A1
 ; GENERAL INFORMATION:
 ; APPLICANT: WEISS, BERTRAM
 ; APPLICANT: SABAT, ROBERT
 ; APPLICANT: ASADULLAH, KHUSRU
 ; APPLICANT: TOSCHI, LUTSELLA
 ; TITLE OF INVENTION: THREE NEW MEMBERS OF THE CYTOKINE RECEPTOR
 ; TITLE OF INVENTION: FAMILY CLASS 2
 ; FILE REFERENCE: SCH-1758
 ; CURRENT APPLICATION NUMBER: US/09/961,404
 ; CURRENT FILING DATE: 2001-09-25
 ; NUMBER OF SEQ ID NOS: 19
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 4
 ; LENGTH: 231
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-961-404-4

Query Match 85.1%; Score 1218; DB 3; Length 231;
 Best Local Similarity 87.8%; Pred. No. 2.6e-112;
 Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

Qy 1 MMVKHCFPLGFLISPLTGTAGTQSTHESLKPQRFQSRNFNHLQWQGRALTGNSSVY 60
 Db 1 MMVKHCFPLGFLISPLTGTAGTQSTHESLKPQRFQSRNFNHLQWQGRALTGNSSVY 60

Qy 181 PNLPYRQKEKNVSIEDYYELLYRVFINNSLEKEQKYEGAHRAVEITALTPHSSYCVV 240
 Db 149 PNLPYRQKEKNVSIEDYYELLYRVFINNSLEKEQKYEGAHRAVEITALTPHSSYCVV 208

Qy 241 AEIYQPMIDRRSORSEERCVEIP 263
 Db 209 AEIYQPMIDRRSORSEERCVEIP 231

GenCore version 5.1.9
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 QM protein - protein search, using SW model
 Run on: July 31, 2006, 18:59:04 ; Search time 32 Seconds
 (without alignments)
 542.801 Million cell updates/sec

 Title: US-10-047-264A-4
 Perfect score: 1432
 Sequence: 1 MMPKHCFLGFLISFFLTGVA..... YQFMLDRRSQRSEERCYVIP 263

 Scoring table:
 BL050N62 Gapop 10.0 , Gapext 0.5
 Searched: 232337 seqs, 66044171 residues

 Total number of hits satisfying chosen parameters: 232337

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries					
Database :	Published Applications AA New: 1: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us09_NEW_PUB.pep: 2: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us05_NEW_PUB.pep: 3: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us06_NEW_PUB.pep: 4: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us08_NEW_PUB.pep: 5: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us10_PCT_NEW_PUB.pep: 6: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us10_NEW_PUB.pep: 7: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us11_NEW_PUB.pep: 8: /EMC_Celerra_SIN3_ptodata/1/pubpaas/us60_NEW_PUB.pep: Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.			SUMMARIES	
Result No.	Score	Query Match Length DB ID	Description		
1	121.8	85.1	231	6	US-10-807-997-13
2	121.8	85.1	231	7	US-11-956-199A-13
3	311	21.7	221	6	US-10-636-716-52
4	310	21.6	221	6	US-10-636-716-50
5	310	21.6	221	6	US-10-636-716-56
6	310	21.6	542	6	US-10-196-749-398
7	310	21.6	542	7	US-11-226-554-84
8	310	21.6	542	7	US-11-248-718-84
9	310	21.6	553	6	US-10-636-716-2
10	310	21.6	553	6	US-10-636-716-14
11	310	21.6	553	6	US-10-636-716-16
12	310	21.6	553	6	US-10-636-716-18
13	310	21.6	553	6	US-10-636-716-20
14	310	21.6	553	6	US-10-636-716-22
15	310	21.6	553	6	US-10-636-716-24
16	310	21.6	553	6	US-10-636-716-26
17	310	21.6	553	6	US-10-636-716-28
18	310	21.6	553	6	US-10-636-716-30
19	310	21.6	553	6	US-10-636-716-32
20	310	21.6	553	6	US-10-636-716-34
21	310	21.6	553	6	US-10-636-716-36
22	310	21.6	553	6	US-10-636-716-38
23	310	21.6	553	6	US-10-636-716-40
24	310	21.6	553	6	US-10-636-716-42
25	310	21.6	553	6	US-10-636-716-44

26	310	21.6	553	6	US-10-636-716-46	Sequence 46 , Appli
27	310	21.6	553	6	US-10-636-716-48	Sequence 48 , Appli
28	310	21.6	553	6	US-10-636-716-48	Sequence 85 , Appli
29	310	21.6	553	7	US-11-226-554-85	Sequence 85 , Appli
30	308	21.5	221	6	US-11-248-718-85	Sequence 54 , Appli
31	303	21.2	221	6	US-10-636-716-54	Sequence 58 , Appli
32	299	20.9	221	6	US-10-636-716-54	Sequence 60 , Appli
33	246	17.2	581	6	US-10-807-997-42	Sequence 42 , Appli
34	246	17.2	581	7	US-11-256-499A-42	Sequence 42 , Appli
35	245	17.1	212	6	US-10-807-997-62	Sequence 62 , Appli
36	245	17.1	212	7	US-11-256-499A-62	Sequence 62 , Appli
37	240	16.8	574	6	US-10-807-997-2	Sequence 2 , Appli
38	240	16.8	574	7	US-11-101-316-14	Sequence 164 , App
39	240	16.8	574	7	US-11-256-499A-2	Sequence 2 , Appli
40	240	16.8	574	7	US-11-376-673-164	Sequence 164 , App
41	237.5	16.6	490	6	US-10-807-997-40	Sequence 40 , Appli
42	237.5	16.6	490	7	US-11-256-499A-10	Sequence 3 , Appli
43	237	16.6	211	6	US-10-807-997-3	Sequence 3 , Appli
44	237	16.6	211	7	US-11-256-499A-3	Sequence 4 , Appli
45	237	16.6	211	6	US-10-807-997-4	Sequence 4 ,

RESULT 2
US-11-256-499A-13

Query Match 85.1%; Score 1218; DB 7; Length 231;
Best Local Similarity 87.8%; Pred. No. 1.9e-11;
Matches 231; Conservative 0; Mismatches 0; Indels 32; Gaps 1;

Db 1 MMPKHCFGLISFLPTGAGTQSTHESLKPQRVQFOSRNPHNLLQWQGRALTGNSSVY 60
Db 1 MMPKHCFGLISFLPTGAGTQSTHESLKPQRVQFOSRNPHNLLQWQGRALTGNSSVY 60

Qy 1 FVQYKIMFSCKNSKSHQPSKGWQHTSCNFPCRTLAKYGRQWNKEDCWTQBSQDL 120
Db 1 FVQYK1--M-----YGRQWNKEDCWTQBSQDL 88

Qy 121 TSETSDIQEPYGRVRAASAGSYSSENMTPTPWNKETIDPPVNNTQNGSLVILHA 180
Db 89 TSBTSDIQEPYGRVRAASAGSYSSENMTPTPWNKETIDPPVNNTQNGSLVILHA 148

Qy 181 PNLPYRQKEKNVSIDYYELLYRVFINNSLEKEQVYEGAHRAVEIALTHPHSSYCVV 240
Db 149 PNLPYRQKEKNVSIDYYELLYRVFINNSLEKEQVYEGAHRAVEIALTHPHSSYCVV 208

Qy 241 AETIOPMLDRSRSEERCVETIP 263
Db 209 AEIOPMLDRSRSEERCVETIP 231

RESULT 3
US-10-636-716-52

Query Match 85.2%; Score 10636716
Best Local Similarity 85.2%; Pred. No. US20060160091A9
Matches 52; Publication No. US20060160091A9

Db 1 APPLECT: Lok, Si
Db 1 APPLECT: Kho, Choon J.
Db 1 APPLECT: Adams, Robyn L.
Db 1 APPLECT: Whitmore, Theodore E.
Db 1 APPLECT: Parrah, Theresa M.

TITLE OF INVENTION: CYTOKINE RECEPTOR
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZymoGenetics, Inc.
STREET: 1201 Eastlake Avenue East
CITY: Seattle
STATE: WA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/636,716
FILING DATE: 07-AUG-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/943,087
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/803,305
FILING DATE: 20-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul G
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: 96-24C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6627
TELEFAX: 206-442-6678
TELEX:
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 221 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-10-636-716-52

Query Match 21.7%; Score 311; DB 6; Length 221;
Best Local Similarity 32.0%; **Pred. No.** 9e-23; **Mismatches** 34; **Gaps** 3;
Matches 74; **Conservative** 33; **Indels** 34;

Db 10 KPGNTFLSIMMNQLQWTPPEGLQVKVTIVQVPI-----46

Qy 30 KPQRVOFSRNFHNLLQWQGRALTGNSSYFVQTKIMFCSMKSSHQKPSGCMWHISCN 89

Db 90 FPGCRTLAKYGRQWNKEDCWTQBSQDLSETSDIQEPYGRVRAASAGSYSSENMTPTPWNKETIDPPVNNTQNGSLVILHA 149

Qy 47 -----YQKQKWLNSCERNNTYCDLSAEFSDYEHQYYAVKVAINGTKCSKWAES 97

Db 150 PRFTPWWEKTDPPMNNTQNGSLVILHAPELNLYPRYQKEKNVSIDYY-ELLKRYFII 208

Db 98 GRFYFILETQGPVPGLTDEKSISVVLTAPEKWKRNKPDLPVSMQQTYSNLKVNCSV 157

Qy 209 NNSLREKQVYEGAHRAVEIALTHPHSSYCVVAYTYQPMFLDRRSSEERC 259

Db 158 NTKSRTWSQCUTNTLV-LTWLBPTNLICVHVESVPGPFRRAQPSEKQC 207

RESULT 4
US-10-636-716-50

Sequence 50, Application US/10636716
GENERAL INFORMATION:
APPLICANT: Lok, Si
APPLICANT: Kho, Choon J.
APPLICANT: Adams, Robyn L.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Parrah, Theresa M.

APPLICANT: Whittmore, Theodore E.
 APPLICANT: Farrah, Theresa M.
 TITLE OF INVENTION: CYTOKINE RECEPTOR
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ZymoGenetics, Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FABSEQ For Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/636,716
 FILING DATE: 07-AUG-2003
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/943,087
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/803,305
 FILING DATE: 20-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Lunn, Paul G
 REGISTRATION NUMBER: 32,743
 REFERENCE/DOCKET NUMBER: 96-24C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-442-6627
 TELEX:
 INFORMATION FOR SEQ ID NO: 50:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 221 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-10-636-716-50

Query Match 21.6%; Score 310; DB 6; Length 221;
 Best Local Similarity 32.0%; Pred. No. 1.1e-22;
 Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPQRVQFQRNPHNLIQWOPGRALTGNSIVYQKIMFSCSMKSSHQPKSGCWQHISCN 89
 Db 10 KPNITPLSINMKNLVQWTPPGLOGYKVTWQYF-----46
 Qy 90 FPGCRLAKYQGORQWNKEDCMTGQELSCDLTSETSDIQEPYYGRVRAASGSYSWMT 149
 Db 47 -----YQGKWKLNKECRNINRTYCDLSAETSPYEHQQYAKTAIWGTCKSKWAES 97
 Qy 150 PRFTPWETKIDPPVMNTQYNGSLIVLHAFLNLPTRYQEKVNVSIEDDY-ELLTRVFI 208
 Db 98 GRFPYPFLTQIGPPEVALLTDEKSISVVLTAPEKWRNPEDLPVSHQQTISNLKTNVSL 157
 Qy 209 NNSLEKEQKVYEGAHRAVEIRALTPHSSYCVAEIQPMLDRRSQSERC 259
 Db 158 NTKSNRNTWSQCVNTNLV-LTWLEPTNLVYCHVSEFVGPPRRAQPSERQ 207

Query Match 21.6%; Score 310; DB 6; Length 221;
 Best Local Similarity 31.6%; Pred. No. 1.1e-22;
 Matches 73; Conservative 34; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPQRVQFQRNPHNLIQWOPGRALTGNSIVYQKIMFSCSMKSSHQPKSGCWQHISCN 89
 Db 10 KPNITPLSINMKNLVQWTPPGLOGYKVTWQYF-----46
 Qy 90 FPGCRLAKYQGORQWNKEDCMTGQELSCDLTSETSDIQEPYYGRVRAASGSYSWMT 149
 Db 47 -----YQGKWKLNKECRNINRTYCDLSAETSPYEHQQYAKTAIWGTCKSKWAES 97
 Qy 150 PRFTPWETKIDPPVMNTQYNGSLIVLHAFLNLPTRYQEKVNVSIEDDY-ELLTRVFI 208
 Db 98 GRFPYPFLTQIGPPEVALLTDEKSISVVLTAPEKWRNPEDLPVSHQQTISNLKTNVSL 157
 Qy 209 NNSLEKEQKVYEGAHRAVEIRALTPHSSYCVAEIQPMLDRRSQSERC 259
 Db 158 NTKSNRNTWSQCVNTNLV-LTWLEPTNLVYCHVSEFVGPPRRAQPSERQ 207

RESULT 5
 Sequence 56, Application US/10636716
 Publication No. US20060160091A9
 GENERAL INFORMATION:
 APPLICANT: Lot, Si
 APPLICANT: Kho, Choon J.

RESULT 6
 US-10-196-749-398
 Sequence 398, Application US/10196749
 Publication No. US20060094864A1
 GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3430RIC340
 ; CURRENT APPLICATION NUMBER: US/10/196,749
 ; CURRENT FILING DATE: 2002-07-16
 ; PRIOR APPLICATION NUMBER: 10/052586
 ; PRIOR FILING DATE: 2002-01-15
 ; PRIOR APPLICATION NUMBER: 60/053263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/053266
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/063120
 ; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/063121
 ; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/063486
 ; PRIOR FILING DATE: 1997-10-21
 ; PRIOR APPLICATION NUMBER: 60/065540
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063541
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063544
 ; PRIOR FILING DATE: 1997-10-28
 ; Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO: 398
 ; LENGTH: 542
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-196-749-398
 ; Query Match Score 21.6%; Best Local Similarity 32.0%; Mismatches 33; Indels 34; Gaps 3; Result 8
 ; US-11-249-718-84
 ; Sequence 84, Application US/11248718
 ; Publication No. US0060160997A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cairns, Belinda
 ; APPLICANT: Chen, Ruihuan
 ; APPLICANT: Frantz, Gretchen
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Koeppen, Hartmut
 ; APPLICANT: Phillips, Heidi S.
 ; APPLICANT: Polak's, Paul
 ; APPLICANT: Spencer, Susan D.
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wu, Thomas D.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and Treatment of Tumor
 ; FILE REFERENCE: P5001R1C1
 ; CURRENT APPLICATION NUMBER: US/11/226,554
 ; CURRENT FILING DATE: 2005-09-13
 ; PRIOR APPLICATION NUMBER: US/10/177,488
 ; PRIOR FILING DATE: 2002-06-19
 ; PRIOR APPLICATION NUMBER: US 60/366,869
 ; PRIOR FILING DATE: 2002-03-20
 ; NUMBER OF SEQ ID NOS: 154
 ; SEQ ID NO: 84
 ; LENGTH: 542
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-11-226-554-84
 ; Query Match Score 21.6%; Best Local Similarity 32.0%; Mismatches 33; Indels 34; Gaps 3; Result 9
 ; US-11-249-718-84
 ; Sequence 84, Application US/11248718
 ; Publication No. US0060160997A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cairns, Belinda
 ; APPLICANT: Chen, Ruihuan
 ; APPLICANT: Frantz, Gretchen
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Koeppen, Hartmut
 ; APPLICANT: Phillips, Heidi S.
 ; APPLICANT: Polak's, Paul
 ; APPLICANT: Spencer, Susan D.
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wu, Thomas D.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and Treatment of Tumor
 ; FILE REFERENCE: P5001R1US
 ; CURRENT APPLICATION NUMBER: US/11/248,718
 ; CURRENT FILING DATE: 2005-09-11
 ; PRIOR APPLICATION NUMBER: US/10/177,488
 ; PRIOR FILING DATE: 2002-06-19
 ; PRIOR APPLICATION NUMBER: US 60/299,500
 ; PRIOR FILING DATE: 2001-07-20
 ; PRIOR APPLICATION NUMBER: US 60/300,880
 ; PRIOR FILING DATE: 2001-07-20
 ; Sequence 84, Application US/11226554
 ; Publication No. US2006147373A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cairns, Belinda
 ; APPLICANT: Frantz, Gretchen
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Koeppen, Hartmut
 ; APPLICANT: Phillips, Heidi S.
 ; APPLICANT: Polak's, Paul
 ; APPLICANT: Spencer, Susan D.
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wu, Thomas D.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Compositions and Methods for the Diagnosis and Treatment of Tumor
 ; FILE REFERENCE: P5001R1US
 ; CURRENT APPLICATION NUMBER: US/11/248,718
 ; CURRENT FILING DATE: 2005-09-11
 ; PRIOR APPLICATION NUMBER: US/10/177,488
 ; PRIOR FILING DATE: 2002-06-19
 ; PRIOR APPLICATION NUMBER: US 60/299,500
 ; PRIOR FILING DATE: 2001-07-20
 ; PRIOR APPLICATION NUMBER: US 60/300,880

PRIOR FILING DATE: 2001-06-25
 PRIOR APPLICATION NUMBER: US 60/301, 880
 PRIOR FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: US 60/304, 813
 PRIOR FILING DATE: 2001-07-11
 PRIOR APPLICATION NUMBER: US 60/312, 312
 PRIOR FILING DATE: 2001-08-13
 PRIOR APPLICATION NUMBER: US 60/314, 280
 PRIOR FILING DATE: 2001-08-22
 PRIOR APPLICATION NUMBER: US 60/339, 227
 PRIOR FILING DATE: 2001-10-19
 PRIOR APPLICATION NUMBER: US 60/323, 268
 PRIOR FILING DATE: 2001-09-18
 PRIOR APPLICATION NUMBER: US 60/336, 827
 PRIOR FILING DATE: 2001-11-07
 Remaining prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 154
 SEQ ID NO: 84
 LENGTH: 542
 TYPE: PRT
 ORGANISM: Homo sapien
 US-11-248-718-84

Query Match 21.6%; Score 310; DB 7; Length 542;
 Best Local Similarity 32.0%; Pred. No. 3-6e-22;
 Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy	30	KPQRVQFQRNFIINLQOPGRALTGNSSVYFYQKIMFCSNKSSHKPSCGWQHISCN	89
Db	28	KPANITFLSINMKVNVLQWTTPPEGLQGVKVTYQYFI-----	64
Qy	90	FPGCRTLAKYQORQWNKECDWGTQELLSCLTSETSDIQEPYQGRVRAASAGSYSEMSMT	149
Db	65	-----YQCKWLNGSECRATINRTCDLSAETSDYEHQTYAKVKAIGTKCSKVAES	115
Qy	150	PRFTPPWETKIDPPVMNTIQTQNSLILVHAPNLPYRQKEKVSIEYY-BILYRVTI	208
Db	116	GRTYPPLETQIGPEVALTTDEKSISVULTAPEKWKRNPEDLPVSMQQIYSNLKINYNSVL	175
Qy	209	NNSLEKEQKVYEGAHRAVIEALTHPSYCVVABIQMLDRSORSERC 259	
Db	176	NTKSNRITWSQCVCVNHTLV-LTWLEPTNLVCVHVBSPRAQPSSKQC	225

RESULT 9
 Sequence 2, Application US/10636716
 Publication No. US2006160091A9
 GENERAL INFORMATION:
 APPLICANT: Lok, Si
 APPLICANT: Kho, Choon J.
 APPLICANT: Jeimberg, Anna C.
 APPLICANT: Adams, Robyn L.
 APPLICANT: Whitmore, Theodore E.
 TITLE OF INVENTION: CYTOKINE RECEPTOR
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ZymoGenetics, Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PasteSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/636,716
 FILING DATE: 07-AUG-2003
 CLASSIFICATION:

RESULT 10
 US-10-636-716-14
 Sequence 14, Application US/10636716
 Publication No. US2006160091A9
 GENERAL INFORMATION:
 APPLICANT: Lok, Si
 APPLICANT: Kho, Choon J.
 APPLICANT: Jeimberg, Anna C.
 APPLICANT: Adams, Robyn L.
 APPLICANT: Whitmore, Theodore E.
 APPLICANT: Farrah, Theresa M.
 TITLE OF INVENTION: CYTOKINE RECEPTOR
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ZymoGenetics, Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PasteSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/636,716
 FILING DATE: 07-AUG-2003
 CLASSIFICATION:

FILING DATE: 07-AUG-2003
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/943,087
 FILING DATE:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/803,305
 FILING DATE: 20-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Lunn, Paul G.
 REGISTRATION NUMBER: 32,743
 REFERENCE/DOCKET NUMBER: 96-24C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-442-6627
 TELEX:
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 553 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-10-636-716-14

Query Match 21.6%; Score 310; DB 6; Length 553;
 Best Local Similarity 32.0%; Pred. No. 3.7e-22;
 Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORVQFDSRNFANLQLNQPGRAILTGNSSVYFQYKIMFSCNMKSSHOKPSGCWQHISQN 89
 Db 39 KPNATFLSINMNQVLQNTPPPEILOGVKVTTQYFI----- 75

Qy 90 FPGCRTLAKYQORWNKNGDGMGTQELSCDLTSETSDIQEPYYGRVRASAGSYSEMSMT 149
 Db 76 ----- - YGQKKWLNLKSECRNINRTCDLSAETSDVHQYIAKVAIWGTCKSKWAS 126

Qy 150 PRFTPWWETKIDPPVNNTQVNSLLVILHAPULPYRVOKEKNVSIIEYY-BLLYRFII 208
 Db 127 GRYPFLFETQIGPPEAVLTDEBKWKRNPDLFVSMQIYSNIKVNYSVL 186

Qy 209 NNSLEKEQKVYEGHRAYEIALETHPHSSYCVAAEIYQPMQLDRRSQSERC 259
 Db 187 NTKSNRNTSQCVTNHTLV-LTWLEPTNTLYCVHYESFVFGPPTRAQPSKQC 236

RESULT 11
 US-10-636-716-16
 Sequence 16, Application US/10636716
 Publication No. US20060160091A9

GENERAL INFORMATION:
 APPLICANT: Lok, Si
 APPLICANT: Kho, Choon J.
 APPLICANT: Jelmingberg, Anna C.
 APPLICANT: Adams, Robyn L.
 APPLICANT: Whitmore, Theodore E.
 APPLICANT: Farrah, Theresa M.
 TITLE OF INVENTION: CYTOKINE RECEPTOR
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ZymoGenetics Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 COUNTRY: USA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

RESULT 12
 US-10-636-716-18
 Sequence 18, Application US/10636716
 Publication No. US20060160091A9

GENERAL INFORMATION:
 APPLICANT: Lok, Si
 APPLICANT: Kho, Choon J.
 APPLICANT: Jelmingberg, Anna C.
 APPLICANT: Adams, Robyn L.
 APPLICANT: Whitmore, Theodore E.
 APPLICANT: Farrah, Theresa M.
 TITLE OF INVENTION: CYTOKINE RECEPTOR
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ZymoGenetics, Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 COUNTRY: USA
 STATE: WA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

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OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/636,716
 FILING DATE: 07-AUG-2003
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/943,087
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/803,305
 FILING DATE: 20-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Lund, Paul G.
 REGISTRATION NUMBER: 32,743
 REFERENCE/DOCKET NUMBER: 96-24C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-442-6627
 TELEX: 206-442-6678
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 553 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-10-636-716-18

Query Match Score 21.6%; Pred. No. 3.7e-22; Length 553;
 Best Local Similarity 32.0%; Mismatches 90; Indels 34; Gaps 3;

Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

Qy 30 KPORVQPSRNPHTNLIQWQGRALTNSVYVYQKIMFSCMSSHQKPGCQWHISCN 89
 Db 39 KPNANITPLSINKNKNLQWTPEGLQVTKVTVQYFI-----75

Qy 90 FPGCRTLAKYQQRWNKEDCGWTQELSCDLTSETSDIQEPTYGRTAASAGSYSENSTM 149
 Db 76 -----YQGKWKLNKSECNRNTYCDLSAETSDYEHQYAKVIAWGTKCSKWAES 126

Qy 150 PRFTPWWETKIDPPVWNITQVNGSLIVLHAPNLPYRYQEKNSVIEDYY-ELLYRVI 208
 Db 127 GRFPPLFETQGPPEVALLTDKSISVVLTAPEKRNPDLPVSNQOIVSNLKXNVSL 186

Qy 209 NNSLEKEQKTYEGARHAAVEIALTHPSSYCYVAIYOPMLDRSSEERC 259
 Db 187 NTKSNTWSQCYTNHTLV-LTWELEPTLYC/HVESFVGPPRAQFSEKQC 236

RESULT 13
 US-10-636-716-20
 Sequence 20, Application US/10636716
 GENERAL INFORMATION:
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 COMPUTER READABLE FORM:

RESULT 14
 US-10-636-716-22
 Sequence 22, Application US/10636716
 GENERAL INFORMATION:
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 COMPUTER READABLE FORM:

